| Examiner   DiBrino Marianne    | 10/676,0<br>Examine |           |              |          |          |              |                      |        |              |                          |            |          |          |                  |          |          |          |               |             |              |           |          | PECKER ET AL. |          |                |             |          |          |          |          |   |          |           |      |
|--|---------------------|-----------|--------------|----------|----------|--------------|----------------------|--------|--------------|--------------------------|------------|----------|----------|------------------|----------|----------|----------|---------------|-------------|--------------|-----------|----------|---------------|----------|----------------|-------------|----------|----------|----------|----------|---|----------|-----------|------|
| Rejected   | <u> </u>            |           |              |          |          |              |                      |        |              |                          |            |          | Examiner |                  |          |          |          |               |             |              |           |          |               | Art Unit |                |             |          |          |          |          |   |          |           |      |
| Claim  |                     |           |              |          |          |              |                      |        |              |                          |            |          |          | DiBrino Marianne |          |          |          |               |             |              |           |          |               |          | 1644           |             |          |          |          |          |   |          |           |      |
| Claim  |                     |           |              |          |          |              | $\neg$               |        | _            | 1                        |            | •        |          |                  |          |          |          | ı             | т           |              |           |          | _             | 7        | _              |             |          |          |          |          |   |          |           |      |
| Claim  |                     |           | √            | R        | ejec     | te           | d                    |        | _            | (Through numer Cancelled |            |          |          |                  | al)      |          |          | N             | Non-Elected |              |           |          | A             | ١.       | Appeal         |             |          |          | •        |          |   |          |           |      |
| The color of the |                     |           | =            | <u> </u> |          |              |                      |        | ÷            | ÷ Restricted             |            |          |          |                  | d        |          |          |               | ı           | Interference |           |          |               | c        |                | Objected    |          |          |          |          |   |          |           |      |
| The color of the |                     |           | Â            |          |          |              |                      |        |              | <u> </u>                 |            |          |          |                  |          |          |          |               |             |              |           |          |               |          | L              |             |          |          |          |          |   |          | •         |      |
| 1  | Cla                 | aim       | Ž            |          |          | P            | ate                  |        | т-           | _                        |            | Cla      | aim      | _                |          |          | 1        | Date          | 3           | - 1          | -         |          |               | Claim    | -              | <del></del> | T 1      |          | Date     | <u> </u> | _ | _        |           |      |
| 1  | <u></u>             | ā         | 100          |          |          |              | ļ                    |        |              |                          |            | <u>8</u> | lad      |                  |          |          |          |               |             |              |           |          | -             | <u> </u> |                |             |          |          |          |          |   |          |           | <br> |
| 1  | ίΞ                  | )<br>Tigi | 1            |          |          | ł            |                      |        |              |                          |            | Fin      | )rig     |                  |          |          |          |               |             |              |           |          | i ii          | <u> </u> | <b>'</b>       |             |          |          |          |          |   |          |           |      |
| \$\frac{9}{8}  |                     | 1         | 6            |          | _        | 4            |                      | _      | _            |                          |            |          | 1        |                  |          |          |          |               |             |              | _         |          |               | - 1      |                | ــــــــ    | _        |          |          |          |   |          |           |      |
| \$\frac{3}{4} \ \frac{4}{\cupstress} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   |                     | <b>)</b>  | -            | -        | +        | $\dashv$     | -                    |        | ╁            | ╁                        | ┨          |          |          | -                | ļ        | -        | -        | -             | $\vdash$    | $\dashv$     | $\dashv$  |          |               |          |                | ╫           | Н        |          |          |          |   |          |           | !    |
| 5  |                     |           |              |          |          | 士            |                      |        |              |                          | 1 [        |          | 53       |                  |          |          |          |               |             |              |           |          |               | 10       | 3              |             |          |          |          |          |   |          |           |      |
| 6  |                     |           | ٩            |          |          | $\perp$      | 1                    |        | $\perp$      | igspace                  | ] [        |          |          |                  |          |          |          |               | $\Box$      |              |           |          |               |          |                | 1           |          |          |          |          |   |          |           |      |
| 7  | -                   |           | ╁            | ·        |          | +            | +                    | +      | +-           | -                        | } }        |          | 55       |                  | _        | _        |          | H             | $\vdash$    | -            |           |          | -             | 10       | 5              | +-          | Н        |          | $\dashv$ |          |   | -        |           |      |
| 8  |                     |           | #            |          | $\dashv$ | $\dashv$     | +                    | +      | $\dagger$    | H                        | 1          |          |          |                  | -        |          | _        | <del> -</del> | $\dashv$    |              | $\dashv$  |          | -             | 10       | 7              | +           | H        |          | $\neg$   |          |   | -        |           |      |
| 10   |                     | 8         |              |          |          |              |                      |        |              |                          | ] [        |          | 58       |                  |          |          |          |               |             |              |           |          |               | 10       | 3              |             |          |          |          |          |   |          |           |      |
| 11   |                     |           | _            | Ш        | $\perp$  | 4            | _                    |        | 1            | ↓                        |            |          |          | _                | <u> </u> | ļ        |          |               |             |              |           |          |               |          |                |             |          |          |          |          |   |          |           |      |
| 12   | -                   |           | ₩            | Н        | +        | +            | -                    | +      | +            | ┼                        |            |          |          |                  | _        |          |          | L             |             | _            |           | _        | -             |          |                | -           | -        | _        |          |          |   | Ш        |           | Í    |
| 13   | -                   | 12        | ╫            | H        |          | +            | +                    | +-     | ╁            | +-                       | 1          |          | 62       |                  | $\vdash$ | -        |          | -             | -           | _            | -         | -        | $\vdash$      | 111      | <del>;</del> } | +           | ┢┈       |          | -1       |          |   |          |           |      |
| 14   |                     | 13        | Ħ            |          |          | $\forall$    |                      | +      | †            | †                        | 1 1        |          |          |                  |          | -        |          |               | $\Box$      |              | $\dashv$  |          | $\vdash$      | 11       | 3              | 1           |          |          |          |          |   |          |           | 1    |
| 16   N   |                     |           | $\prod$      |          |          | ightharpoons |                      |        |              |                          | ] ]        |          |          |                  |          |          |          |               |             |              |           |          |               | 11       | 4              |             |          |          |          |          |   |          |           |      |
| 17   | <u> </u>            |           | 3            | Щ        | _        | 4            |                      | _      | 1            | ļ.                       |            |          |          |                  | _        | _        |          | _             |             | _            | _         | _        | $\perp$       |          |                | -           |          |          |          |          |   |          |           |      |
| 18   | -                   |           | 10           |          |          | +            | +                    | +      | ╁            | +                        |            |          | 67       |                  | -        |          |          | -             |             | -            | $\dashv$  | -        | $\vdash$      | 110      | 2              | -           | $\vdash$ |          | $\vdash$ | _        |   | $\vdash$ | _         |      |
| 19   |                     | 18        | Ħ            | H        | -        | $\forall$    | +                    | $\top$ | t            | +                        | 1 1        |          |          | $\vdash$         | -        | $\vdash$ |          |               | $\vdash$    | _            |           |          | $\vdash$      |          |                |             | -        |          | H        |          |   |          |           |      |
| 121  |                     | 19        |              |          |          |              |                      |        |              |                          | 1          |          | 69       |                  |          |          |          |               |             |              |           |          |               | 11       | 9              | 1           |          |          |          |          |   |          |           | İ    |
| Total Control Contro | <u> </u>            |           | ╙            | -        |          | 4            | -                    | _      | $\bot$       | _                        |            |          |          |                  |          |          |          | _             |             |              |           | 4        |               | 12       | )              | 4           |          |          |          |          |   |          |           |      |
| 23     123     124     124     124     124     124     125     125     125     125     125     126     126     126     126     126     126     126     127     127     127     127     127     128     128     129     129     130     130     130     131     130     131     131     132     132     132     132     132     133     133     133     133     133     133     133     133     133     133     133     134     134     134     134     134     134     134     134     134     134     135   | -                   | 21        | 1.           |          | -        | +            | +                    | -      | +-           | ╁                        | 1 1        |          |          |                  | -        | -        |          |               |             |              | -         | _        | _             |          |                | - -         | H        |          | $\dashv$ |          |   |          | $\square$ |      |
| 24   124   124   124   125   125   125   125   125   126   127   126   127   128   127   128   127   128   128   128   128   128   128   129   129   129   130   130   131   131   131   131   131   131   131   131   131   131   131   131   132   133   13  | <b> </b>            |           | -            | Н        | +        | $\dashv$     | -+-                  |        | +            | 1                        | ┪┟         |          |          | -                |          | -        | $\vdash$ | -             | $\dashv$    | $\dashv$     | -         | $\dashv$ | -             | 12       | 3              | +           | Н        |          |          | _        |   |          | $\vdash$  |      |
| 25       75       125       126       126       126       126       127       127       127       128       127       128       128       129       129       130       130       130       131       131       131       131       131       132       132       133       1  |                     | 24        |              |          |          |              |                      |        |              |                          | 1 [        |          | 74       |                  |          |          |          |               |             | $\neg$       |           |          | _             | 12       | 4              | 1           |          |          |          | _        | _ | П        | П         |      |
| 27   28   77   128   128   128   128   128   129   129   129   130   130   131   131   131   131   131   131   131   132   132   133   133   133   133   133   133   133   133   133   134   134   134   135   135   136   136   136   137   136   137   138   138   138   138   138   138   138   138   139   140   141   141   141   141   141   141   142   143   144   142   143   144   144   145   145   146   147   147   147   148   149<  |                     | 25        |              |          | $\perp$  | 4            |                      |        | 1            | <u> </u>                 | ] [        |          |          |                  |          |          |          |               |             |              |           |          |               | 12       | 5              |             |          |          |          |          |   |          |           |      |
| 28 78   29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 88   38 88   39 89   40 90   41 91   42 92   43 94   44 94   46 96   48 98   48 98   49 99   48 98   49 99  | -                   | 26        | -            |          | -        | +            |                      | -      | +            | ╄                        | <b>∤</b> ∤ |          | 76       | L                |          | _        | _        |               |             | -            |           | 4        | _             | 120      | 3              | 4_          |          |          |          | _        |   |          |           |      |
| 29   79   129     30   130   130     31   81   131     32   132   132     33   83   133     34   84   134     35   86   136     36   86   136     37   87   137     38   88   138     39   88   138     40   90   140     41   91   141     42   92   142     43   93   143     44   94   94     46   96   146     47   98   148     49   99   149   | <u> </u>            |           | ┼            | Н        | +        | +            | +                    | +      | ╁            | ╁                        | ┨          |          |          | H                | _        | -        | -        |               |             | $\dashv$     | -         |          | -             | 12       | _              | +           | Н        |          |          | _        |   | Н        | $\dashv$  |      |
| 30   31   31   31   32   33   31   32   33   34 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>T</td><td><math>\top</math></td><td></td><td><math>\dagger</math></td><td>†</td><td>1  </td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td><math>\dashv</math></td><td><math>\exists</math></td><td></td><td>-</td><td>129</td><td><del>5</del>  </td><td>+</td><td>Н</td><td></td><td><math>\dashv</math></td><td>-</td><td>_</td><td></td><td></td><td></td></td<>   |                     |           |              |          |          | T            | $\top$               |        | $\dagger$    | †                        | 1          |          |          |                  | -        |          |          |               |             | $\dashv$     | $\exists$ |          | -             | 129      | <del>5</del>   | +           | Н        |          | $\dashv$ | -        | _ |          |           |      |
| 32   33     34   35     36   36     37   38     39   89     40   91     41   91     42   92     43   94     44   94     45   96     47   98     48   99     148   99     144   144     45   96     48   99     148   99     148   99     148   99     149   149  |                     |           |              |          |          | $\perp$      | $\Box$               |        | $oxed{\Box}$ |                          | ] [        |          | 80       |                  |          |          |          |               |             |              |           |          |               | 130      | )              |             |          |          |          |          |   |          |           |      |
| 33   34     34   35     36   36     37   38     39   88     40   90     41   91     42   92     43   94     44   94     46   96     47   97     48   98     49   99     144   145     48   98     49   99  |                     |           | H            |          | +        | +            | _                    |        | +            | $\vdash$                 | <b>∤ ∤</b> |          |          | L                | _        | _        |          | ļ             |             | 4            | $\dashv$  | _        | _             |          |                | ╄.          | Ш        |          | $\sqcup$ |          |   |          |           | 1    |
| 34   35   134   135     36   36   37   38   136   137     38   39   88   138   138     39   40   90   140   141     41   91   141   92   142     43   93   143   94   144     44   94   144   144   144     45   96   145   146   147     48   99   99   149   149   |                     | 33        | $\vdash$     |          | $\dashv$ | +            | +                    | +-     | +            | -                        | ┧┟         |          |          | -                | _        | $\vdash$ | $\vdash$ | _             | $\dashv$    | $\dashv$     | $\dashv$  | $\dashv$ | -             |          |                | +           | $\vdash$ |          |          | _        | _ | $\vdash$ | $\vdash$  | 1    |
| 35   85   135   136     37   87   137   137     38   88   138   138     39   90   140   141     41   91   141   141     42   92   142   143     43   93   143   144     45   95   145   146     47   97   147   148     48   99   99   149   |                     | 34        |              |          |          | _            |                      | _ -    | 1            | $\vdash$                 | 1          |          | 84       |                  |          |          | _        |               | $\dashv$    | $\dashv$     | 1         | $\dashv$ | -             | 13       | 1              | +           | H        |          | $\vdash$ |          | - | $\vdash$ | Н         |      |
| 37 88   38 88   39 90   41 91   42 92   43 93   44 94   45 95   46 96   47 98   48 99   49 149   |                     |           |              |          | $\bot$   | 1            |                      | T      | I            |                          | ] [        |          | 85       |                  |          |          |          |               |             |              |           |          |               | 13       | 5              |             |          |          |          |          |   |          |           | 1    |
| 38   88   138     39   90   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  |                     | 36        | <u> </u>     | $\sqcup$ | -        | +            | +                    | +      | ╁.           | ├-                       |            |          |          | _                |          | $\vdash$ | <u> </u> |               |             | [            | _         | $\dashv$ | _             |          |                | $\bot$      | $\Box$   |          | $\Box$   | $\Box$   |   |          | $\Box$    |      |
| 39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149   |                     |           | $\vdash$     | $\vdash$ | -+       | +            | $\dashv$             | +      | ╁            | ╂                        | ┨╏         |          |          | _                |          | H        |          | _             |             | -            |           |          | $\vdash$      |          |                | +           | $\vdash$ |          |          |          | _ | -        |           |      |
| 40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  | -                   |           | <del> </del> |          | -        | $\dagger$    | $\dashv$             | +-     | ╁            | 1-                       | 1          |          |          |                  |          | -        | <b>-</b> |               | _           |              | $\dashv$  | $\dashv$ | -             |          |                | +           | $\vdash$ |          |          | -        | _ |          | $\dashv$  |      |
| 42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |                     | 40        |              |          |          |              |                      |        |              |                          | 1          |          | 90       |                  |          |          |          |               |             | $\exists$    | 1         | _        |               |          |                | T           |          |          |          |          |   |          |           |      |
| 43 93   44 94   45 95   46 96   47 97   48 98   49 99  |                     | 41        |              |          | $\perp$  | $\perp$      | $\perp$              | $\bot$ |              |                          | [          |          |          |                  |          |          |          |               |             | $\Box$       |           |          |               | 14       | 1              |             |          |          |          |          |   |          |           | 1    |
| 44 94   45 95   46 96   47 97   48 98   49 99  |                     | 42        | -            |          | $\dashv$ | +            | +                    | +      | +            | $\vdash$                 |            |          |          |                  |          | _        | _        |               |             |              |           | $\dashv$ | $\vdash$      |          |                | 4-          | Ш        | _        | $\Box$   | _        |   | Ш        |           | ı    |
| 45 95   46 96   47 97   48 98   49 99  | -                   |           |              | $\vdash$ | +        | +            |                      | +      | +-           | ┼                        | {          |          |          | -                | $\vdash$ | $\vdash$ | H        |               | -           | $\dashv$     | $\dashv$  | $\dashv$ | $\vdash$      |          |                | +           | $\vdash$ | -        | $\dashv$ | $\dashv$ | _ | Н        |           |      |
| 46   |                     | 45        |              |          | 士        | $\dagger$    | _                    | 1      | T            |                          | 1          |          | 95       |                  |          |          |          | H             | $\dashv$    | +            | $\dashv$  | $\dashv$ | -             |          |                | +           | H        | $\dashv$ | +        | -        |   | H        | $\dashv$  | ı    |
| 48 98   49 148   149 149   |                     |           |              |          | $\perp$  |              | $\perp \!\!\! \perp$ |        |              |                          | ] [        |          | 96       |                  |          |          |          |               |             |              |           |          |               | 146      | 3              |             |          |          | ╛        |          |   |          |           | ı    |
| 49 99 149  | -                   |           | $\vdash$     | -        | +        | $\downarrow$ | +                    | +      | $\vdash$     | ـــ                      |            |          |          | Щ                |          |          | Ц        |               | _           | _[           | [         | 4        |               |          |                | <u> </u>    |          |          | $\Box$   | $\Box$   |   |          |           |      |
|  |                     |           | -            | $\dashv$ | +        | +            | +                    | +      | +            | -                        | } }        |          |          | H                |          | _        | -        |               | $\dashv$    | -            | $\dashv$  | $\dashv$ | $\vdash$      |          |                | +           | ┝┤       |          |          | -        | _ |          | $\dashv$  |      |
|  |                     |           | Н            | H        | +        | +            | +                    | +      | T            | T                        |            |          |          | Н                |          |          | $\vdash$ |               | $\dashv$    | $\dashv$     | $\dashv$  | $\dashv$ | -             |          |                | +           | H        | -        | $\dashv$ | $\dashv$ |   | $\vdash$ | $\dashv$  | •    |
|  |                     |           |              |          |          |              |                      |        |              | -                        |            |          |          |                  |          |          |          |               |             |              | L         |          | _             |          |                |             |          |          |          | 1        |   |          |           |      |

Application No.

Index of Claims

Applicant(s)